

7. A method according to claim 1, characterized in that the Packet Uplink Assignment message is used as the enquiry message (306).

8. A method according to claim 5, characterized in that the transmission of the enquiry message (306) is repeated, whereby the following steps are also performed in the method:

- the wireless data transfer device transmits a reply message (307), to which the wireless data transfer device (MS) sets information about the need to transmit packets,
- said reply message (307) is received in the mobile communication network and it is examined whether said information about the need to transmit packets has been set in the reply message, and if the information about the need to transmit packets has been set, the formation of a temporary block flow from the wireless data transfer device to the mobile communication network is started, otherwise said enquiry message (306) is transmitted again.

9. A method according to claim 1, characterized in that the mobile communication network is a GPRS packet-switched network.

10. A method according to claim 1, in which the wireless data transfer device (MS) has at least an active mode and an idle mode, characterized in that if the wireless data transfer device (MS) does not have packets to be transferred when the transfer of packets in the first direction is stopped, the wireless data transfer device (MS) is set to the idle mode.

11. A method according to claim 1, characterized in that when the transfer of packets has stopped, the wireless data transfer device (MS) sends an acknowledgement message (304) to the mobile communication network (NW), and that the wireless data transfer device (MS) sets in said acknowledgement message (304) at least information about the need to send packets.

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15. A data transfer system according to Claim 13, characterized in that a protocol stack for processing the information to be transmitted has been formed in the wireless data transfer device (MS) and the mobile communication network (NW), and that the protocol stack comprises at least an RLC/MAC layer.

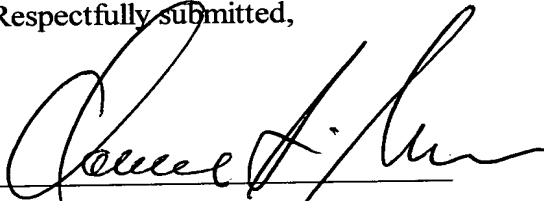
16. A data transfer system according to claim 13, characterized in that said reply message (307) is a request message for the allocation of packet resources.

17. A method according to claim 13, characterized in that the mobile communication network is a GPRS packet-switched network.

REMARKS

In accordance with 37 C.F.R. §1.121 (as amended on 11/7/2000) the rewritten claim(s) above are shown on separate page(s) marked up to show all the changes relative to the previous version of that section.

Respectfully submitted,



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